

# Work Order ID 65355



January 12, 2011 2:35:32 PM






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Item ID: D4186-3 Accept  Setup Start   
Revision ID: PRELIM Stop   
Item Name: Bushing  
Start Date: 1/12/11 Start Qty: 2.00  Cust Item ID:  
Required Date: 1/28/11 Req'd Qty: 2.00  Customer:  
Reference:

Approvals: Process Plan: CL Date: 11/01/12 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start   
Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4186	<u>PA1 PA2</u> <u>11-01-28</u>								
100	Hardinge CNC LATHE SMALL	0.00				2	0		
	Hardinge	0.00							
Hardinge CNC Lathe Small	Memo 1-TURN AS PER FOLIO FB031 & DWG FOLIO REV: <u>N/A</u> DWG REV: <u>PA3</u> 2-DEBURR AS REQUIRED <u>SA 11/1/24</u>								
110	QC2- Inspect parts off machine FAI/FAIB	0.00				2	0		
	QC	0.00							
Quality Control	Memo <u>SA 11/1/24</u>								
120	QC8- Inspect parts - second check	0.00				2	0		
	QC	0.00							
Quality Control	Memo <u>SA 11-01-25</u>								



MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

PRELIMINARY ISSUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 65355

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Item ID: D4186-3

Accept



Setup Start



Revision ID: PRELIM

Stop



Item Name: Bushing

Start Date: 1/12/11 Start Qty: 2.00



Cust Item ID:

Required Date: 1/28/11 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130  Packaging	Identify as per dwg & Stock Location: _____  Memo	0.00  0.00							
					2				<i>Jan 11.03.18</i>
140  QC	QC21- Final Inspection - Work Order Release  Memo	0.00  0.00							
	Quality Control								<i>02/11/03/23</i>

POSITIVE RECALL

EFFECTIVE *11/01/12* AUTH *[Signature]*

RELEASED \_\_\_\_\_ DATE \_\_\_\_\_

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 65355

Parent Item: D4186-3

Parent Item Name: Bushing



Start Date: 1/12/11

Required Date: 1/28/11

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 11-01-07 VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELRINR0.500 Delrin Round Bar .50"		Purchased	No			100	f	106.5000	0.065	0.136842			



SD 11/1/24

## Location

## Loc Qty

## Loc Code

MAT050

106.5

102828

2

109571

37.5

18355

64

3723

3

0.136842

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

(NOTE: Date & initial all entries



Print

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Parent Item: D4186-3

Parent Item Name: Bushing

Start Date: 1/12/11

Start Qty: 2.00

Required Date: 1/28/11

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 11-01-07 VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELNR0.500		Purchased	No			100	f	106.5000	0.065	0.136842		SD 11/1/24	
Delrin Round Bar .50"													

LocationLoc QtyLoc Code

MAT050

106.5

102828

2

109571

37.5

18355

64

3723

3

0.136842

Sabic P/O: 7316 2008/09  
G.E. Paly RCP: 9161



# Receiving Report

Date: 8/10/9  
 Supplier: SABrc

Batch No: M109571  
 Dart P/O: 7316

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection OK ☒ N/A ☐  
 Work Order 081609 N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) [Signature] Level 12

Production/Admin: 08/10/10  
 Date REC 9/11/10  
 Received/Costing 08  
 Initial

Location \_\_\_\_\_

# Dart Aerospace Ltd

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7  
Phone: (613) 632-3336  
Fax: (613) 632-4443

## Receiving Slip

Date  
Oct 10, 2008

Page  
1

Receipt Number  
RCP00009161

### Purchase From:

SABIC Polymers  
9150 Airport Road  
Brampton, ON L6S 6G1  
Canada

### Ship To:

Main Finished Goods Location  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7

Reference	Description	Contact	Vendor Number	PO Number
			VC-GEP001	PO00007316

Vendor Item Number	Item Number	Description	Qty. Received	UOM	Unit Cost	Extended Cost	Arrival Date
	MDELRINR0500	Delrin Round Bar .50" COLOR: BLACK SIZE: .500" ROUND BAR ACETAL MATERIAL: DELRIN II 150E OR ACETRON GP B/N109571	80.0000	f	1.150000	92.00	Oct 10, 2008
	MDELRINR0750	Delrin Round Bar 0.75" COLOR: BLACK SIZE: .750" ROUND BAR MATERIAL: AS ABOVE B/N109571	40.0000	f	2.600000	104.00	Oct 10, 2008

Comments:

\*\*\* SHIPPED \*\*\*

A/C 15.7

SABIC Polymershapes  
1230 Old Innes Rd., Unit 519

Page: 1

Ontario, Ontario K1B 5L3  
PST 8056 9234  
PHONE: (613) 745-7043 FAX: (613) 745-4291

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada

1-613-632-5200

Our Order No	Customer	GST license	PST license	Invoice Terms	Ordered	Shipped	Token By	RDD
08237	DART	CHARGE GST	612-5207	NET 30 DAYS	06.10.08		comint	08.10.08
Ship Doc. No	Salesrep	Customer P.O.#	Shipped Via	F.O.B.	Freight Terms	Inv. No.	Ship Date	
01	93	00007316	PHONATOR		PREPAID + CHARGE		08.10.08	
Ln#	Location	Ord	B/O	Ship Sku	Product Code	Description	U/Price	
***** DELIVERIES TO BE DONE BEFORE 4:00 PM, ADVISE SHIPPING CO. *****								

001 80 32 48 FT 91106305 ACETRON GP R0D - BLACK  
500 DIA.

002 40 0 40 FT 91106355 ACETRON GP R0D - BLACK  
750 DIA.

003 1 0 1 EA 0000005 THANK YOU FOR SELECTING  
SABIC POLYMERSHAPES

Shippable Weight: 16.56 lb

*Le 8/20/9*

LINE NO.	RECEIVING NO.	PICKED BY	DATE	SHIPPED BY	DATE	VERIFIED	DATE
					11/01/08		

NO GOODS TO BE RETURNED WITHOUT APPROVAL FROM SABIC. ALL DISCREPANCIES MUST BE REPORTED WITHIN 10 DAYS.  
ALL RETURNS MUST HAVE VALID RETURNED GOODS AUTHORIZATION NUMBER CLEARLY MARKED ON ALL PACKAGES.

**Purchase Order**

Date Oct 06, 2008	Page 1
Purchase Order Number PO00007316	

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7  
Phone: (613)632-9577  
Fax: (613)632-1053

**FAKED**  
*C. 2008/10/06***Vendor Address:**

SABIC Polymershapes  
9150 Airport Road  
Brampton, ON L6S 6G1  
Canada  
Phone (800) -267-1575  
Fax (613) 745-4291

**Ship To:**

Main Finished Goods Location  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VC-GEP001	Oct 06, 2008	N30	Purolator	Oct 10, 2008

Qty. Ordered	Item Number	Description	Expected Arrival	Drop-Ship	Unit Cost	UOM	Extended Price
80.0000	MDELRINR0500	Delrin Round Bar .50" Comments: MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL SIZE: .500" ROUND BAR COLOR: BLACK	10/10/2008	No	1.150000	f	92.00
40.0000	MDELRINR0750	Delrin Round Bar 0.75" Comments: MATERIAL: AS ABOVE SIZE: .750" ROUND BAR COLOR: BLACK	10/10/2008	No	2.600000	f	104.00

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

**Comments:****Tax Summary:**

GST 9.80  
GSTME 0.00  
GSTND 0.00

**Less:**

included tax 0.00

Subtotal 196.00

Total tax 9.80

Total purchase order in

CAD Dollars 205.80

Entered By: *CL* CLAVOIE

Approved By: *W*

M109571

SABIC  
Middle East  
Plastics

سابك  
sabic

**SABIC Polymershapes**

1250 OLD INNES RD. 519 OTTAWA, ONT. K1B 5L3  
TEL: 613 745 7043 FAX: 613 745 8163

---

## CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE

DATE: 10/7/2008

YOUR PURCHASE ORDER : 7316

OUR SHIPPER NO: O84327

LINE ITEM # : 1

QUANTITY: 80 FT

DESCRIPTION: ACETRON GP ROF BLACK .500" DIA

S  
08/10/09

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH: ASTM D 4181

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS OF THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE PROCUREMENT SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND LATEST REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE



JON CALDWELL  
BRANCH MANAGER

SABIC  
Innovative  
Plastics

سابك  
sabic

**SABIC Polymershapes**

1250 OLD INNES RD. 519 OTTAWA, ONT. K1B 5L3  
TEL: 613 745 7043 FAX: 613 745 8163

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8  
08/10/09

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH: ASTM D 4181

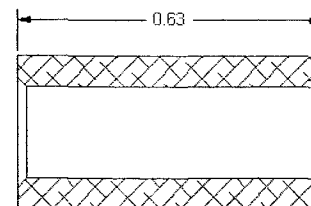
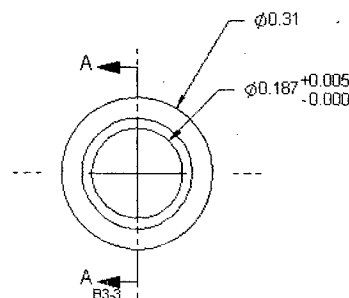
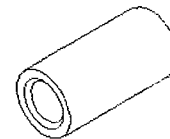
THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS OF THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE PROCUREMENT SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND LATEST REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE



JON CALDWELL  
BRANCH MANAGER

w/o 65355



CHAMFER 0.02 X 45°  
2 PL

**SECTION A-A** B6-3





**D4186-3 BUSHING**

**PRELIMINARY ISSUE**

10.09.20

**NOTES**

- 1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL ROUND BAR  
REF DART SPEC M-DELIN-R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSD18 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PA
MFG. APPR.		<b>D4186</b>	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		<b>ECCENTRIC</b>	NTS
DATE	<b>10.09.20</b>	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE CONDITION THAT THE TITLE NOT BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			